

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,019,538 B2
APPLICATION NO. : 10/763329
DATED : March 28, 2006
INVENTOR(S) : Atsushi Kitaoka

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2:

Line 59, "output" should read -- outputs --; and
Line 60, "firs" should read -- first --.

COLUMN 8:

Line 31, "patter)" should read -- pattern) --.

COLUMN 13:

Line 66, "anther" should read -- another --.

COLUMN 15:

Line 43, "Example" should read -- Examples --.

COLUMN 16:

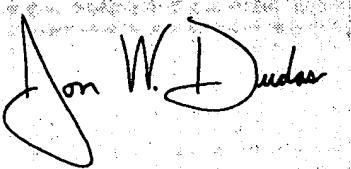
Line 50, "current" should read -- currents --;
Line 51, "by 180." should read -- by 180°. --;
Line 55, "current" should read -- currents --; and
Line 56, "position." should read -- positions. --.

COLUMN 18:

Line 4, "current" should read -- currents --;
Line 5, "position." should read -- positions. --.

Signed and Sealed this

Thirtieth Day of January, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office